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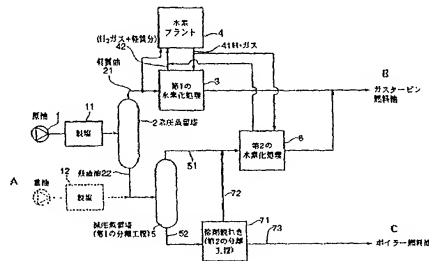
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<p>(21) 国際出願番号 PCT/JP99/04927</p> <p>(22) 国際出願日 1999年9月10日(10.09.99)</p> <p>(30) 優先権データ 特願平10/326169 1998年10月30日(30.10.98) JP 特願平11/10847 1999年1月19日(19.01.99) JP 特願平11/89433 1999年3月30日(30.03.99) JP</p> <p>(71) 出願人 (米国を除くすべての指定国について) 日揮株式会社(JGC CORPORATION)[JP/JP] 〒100-0004 東京都千代田区大手町二丁目2番1号 Tokyo, (JP)</p> <p>(72) 発明者; および (75) 発明者/出願人 (米国についてのみ) 岡田 剛(OKADA, Tsuyoshi)[JP/JP] 檀子芳範(MASHIKO, Yoshinori)[JP/JP] 徳田慎一(TOKUDA, Shinichi)[JP/JP] 佐々木朝芳(SASAKI, Tomoyoshi)[JP/JP] 猪俣 誠(INOMATA, Makoto)[JP/JP] 唐沼利夫(TANUMA, Toshio)[JP/JP] 〒20-6001 神奈川県横浜市区みなとみらい2-3-1 日揮株式会社内 Kanagawa, (JP)</p>	<p>(74) 代理人 井上俊夫(INOUE, Toshio) 〒220-0023 神奈川県横浜市西区平沼1-6-7 川合ビル4B Kanagawa, (JP)</p> <p>(81) 指定国 BR, ID, IN, KR, MX, RU, SG, TR, US, 欧州特許 (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE)</p> <p>添付公開書類 国際調査報告書</p>	

(54) Title: GAS TURBINE FUEL OIL AND PRODUCTION METHOD THEREOF AND POWER GENERATION METHOD

(54) 発明の名称 ガスタービン燃料油及びその製造方法並びに発電方法

(57) Abstract

Crude oil is separated into a light oil and a normal pressure residual oil by an atmospheric distillation and the light oil is brought into contact with a pressurized hydrogen in the presence of a catalyst to perform a first hydrogenation refining, a plurality of kinds of light oil obtained from an atmospheric distilling column being hydrogenation-refined collectively. The normal pressure residual oil is separated into a light component and a heavy component, the obtained light component is subjected to a second hydrogenation refining in the presence of a catalyst, the refined oil (light component) is mixed with the refined oil obtained by the first hydrogenation refining and the mixed oil is used as a gas turbine fuel oil.



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| 1 ... CRUDE OIL   | 21 ... LIGHT OIL  |
| 2 ... ATMOSPHERIC DISTILLING COLUMN                       | 22 ... RESIDUAL OIL                                     |
| 3 ... FIRST HYDROGENATION REFINING                        | 41 ... H2 GAS   |
| 4 ... HYDROGEN PLANT                                      | 42 ... (H2 GAS PLUS LIGHT COMPONENT)                    |
| 5 ... VACUUM DISTILLING COLUMN (FIRST SEPARATION PROCESS) | 71 ... SOLVENT DEASPHALTING (SECOND SEPARATION PROCESS) |
| 6 ... SECOND HYDROGENATION REFINING                       | A ... HEAVY OIL   |
| 11 ... DESALTING  | B ... GAS TURBINE FUEL OIL                              |
| 12 ... DESALTING  | C ... BOILER FUEL OIL                                   |